identifying in a compression dictionary a set of zero or more candidate strings for a curent pixel in the image, each candidate string corresponding to a string of pixels in the image, the last pixel of the string corresponding to the corrent pixel, and each candidate string approximately matching the corresponding image string;

if the set of candidate strings for the current pixel is empty, selecting one of the candidate strings for a previous current pixel, and adding a code for the selected string to a compressed representation of the image.